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| Application No.   | Applicant(s)    |  |
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| Examiner          | Art Unit        |  |
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| Claim            | Date  |              | Cla  | m        |   | Date                 |                     |        | Cli      | aim        |                          |         | Dat                     | e        |              |                    |
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| _  12/2/2        | 2   |              | _    | ल        | 11  |                      |                     | -54    | _        | <u>_</u>   |                          |         |                         |          |              |                    |
| Final            |   | in C         | Fina | Original |   |                      |                     |        | Final    | Original   |                          |         |                         |          | -            |                    |
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| 1 0              |   | - 0          |      | 51       |   | $\vdash$             |                     |        |          | 101        |                          | +       | -                       | $\vdash$ |              | +-                 |
| 2                |   |              |      | 52       | ++  | <del>  -   -  </del> | -                   | 3. 1   | _        | 102        | +                        |         | 1                       |          | +            | +                  |
| 3                |   |              |      | 53       | ++-   | <del></del>          |                     | 1      | _        | 103        | +                        |         | +                       | 1        | +            | +                  |
| 4                |   |              |      | 54       | <del>                                     </del>  |                      |                     |        |          | 104        |                          | +       | +                       | + +      | +            | +                  |
| 5                |   | 35           |      | 55       | 1   |                      |                     | in the |          | 105        |                          |         | +                       | 1        | 十            | +                  |
| 6                |   | 14.1         |      | 56       |   |                      |                     | 3      |          | 106        | $\neg \vdash \vdash$     |         | +                       |          | -            | +                  |
| 7 .              |   |              | Î    | 57       |   |                      |                     |        |          | 107        |                          | $\top$  | 1-                      |          |              | _                  |
| 8                |   |              |      | 58       |   |                      |                     | .40    |          | 108        |                          |         |                         |          |              | $\top$             |
| 9                |   |              |      | 59       |   |                      |                     | 1/ta   |          | 109        |                          |         |                         |          |              | $\top$             |
| 10               |   |              |      | 60       |   |                      |                     | ;<br>; |          | 110        |                          |         |                         |          |              | $\Box$             |
| 11.              |   |              |      | 61       |   |                      |                     | 310    |          | 111        |                          |         |                         |          | $oxed{\Box}$ |                    |
| 12. 1            |   | × - 2        |      | 62       | +-  |                      | $\bot$              | - E    |          | 112        | $\perp \perp \downarrow$ |         |                         |          |              | $oxed{\Box}$       |
| 13               | A + A + A + A + A + A + A + A + A + A +           |              |      | 63       | <del>-   -  </del>                                | $\sqcup \bot \bot$   | +                   |        |          | 113        |                          | $\perp$ | $\bot$                  |          |              | $\perp \perp \mid$ |
| 14 1             | <del></del>                                       | -            |      | 64<br>65 | + +   | +++                  | +                   |        | -        | 114        |                          | _       | 1                       | $\vdash$ | $\perp$      | $\perp \perp \mid$ |
| 16               |   |              |      |          |   |                      |                     |        |          | 115        | $\rightarrow$            |         | <u> </u>                |          |              |                    |
| 17               |   |              |      | 66<br>67 |   |                      |                     |        |          | 116        |                          |         | 1                       | -        |              | 4-1                |
| 18               |   |              |      | 68       | ++-   | <del>├</del> ─┼─┼    |                     |        |          | 117<br>118 |                          | +       | +-                      | $\dashv$ |              | +                  |
| 19               |   |              |      | 69       | ++-   |                      |                     |        |          | 119        |                          | +-      | +                       |          | -            |                    |
| 20               |   |              |      | 70       | <del>                                      </del> |                      |                     | 38     | _        | 120        |                          | +-      | +                       |          | _            | +                  |
| 21               |   |              |      | 71       | +-+-  |                      |                     |        |          | 121        | +                        | +       | +                       | $\dashv$ |              | +                  |
| 22               |   | 23           |      | 72       | ++-   |                      |                     | 4.40   |          | 122        | +                        | -       | +                       | $\vdash$ |              | +                  |
| 23               |   |              |      | 73       | 1-1-  |                      | ++                  |        | -        | 123        | +++                      | +       | -                       | $\vdash$ | +            | +                  |
| 24               |   | 1367         |      | 74       |   |                      |                     | -      |          | 124        |                          |         | Н                       | +        | +            | ++                 |
| 25               |   |              |      | 75       |   |                      |                     |        |          | 125        |                          | _       |                         |          | +-           | +                  |
| 26               |   |              |      | 76       |   |                      |                     |        |          | 126        | +                        |         | 1 1                     |          |              | $\dagger \exists$  |
| 27               |   |              |      | 77       |   |                      |                     |        |          | 127        |                          |         | 1 1                     | $\neg$   |              | +                  |
| 28               |   |              |      | 78       |   |                      |                     |        |          | 128        |                          |         |                         |          |              |                    |
| 29               |   |              |      | 79       |   |                      |                     | 4      |          | 129        |                          |         |                         |          |              |                    |
| 30               |   |              |      | 80       |   |                      |                     |        |          | 130        |                          |         |                         |          |              |                    |
| 31               |   |              |      | 81       |   |                      | $\perp \perp \perp$ |        |          | 131        |                          |         |                         |          |              |                    |
| 32               |   |              |      | 82       | $\perp$   |                      | +                   | 255    |          | 132        |                          | _ _     | Ш                       |          |              | $\perp \perp$      |
| 33               | <del>-                                     </del> |              |      | 83       |   |                      | +                   |        |          | 133        | +                        | _       | Ш                       |          |              | Ш                  |
| 34 35            |   |              |      | 84<br>85 | +   |                      | 4-1-1               | 1      |          | 134        | 44                       | $\perp$ | $\downarrow \downarrow$ | _        | _            | Ш                  |
| 36               | <del>                                     </del>  |              |      | 86       | +   | +                    | +                   |        |          | 135        | $\perp$                  |         | $\sqcup$                |          |              | 4-1                |
| 37               | <del>-   -   -   -   -  </del>                    |              |      | 87       | +   |                      | +                   |        | $\dashv$ | 136<br>137 |                          |         | $\vdash \vdash$         |          |              | $\coprod$          |
| 38               | <del></del>                                       | -            |      | 88       | +   | -+-                  | ++                  | -      |          | 137        | ++                       | +       | $\vdash$                | -+       | +            | +                  |
| 39               | <del>             </del>                          |              |      | 89       | + -   -   | +                    | +                   |        | $\dashv$ | 138        | ++                       |         | $\vdash$                | +        | +-           | +                  |
| 40               | <del>                                     </del>  |              |      | 90       | <del>   - </del>                                  |                      |                     | -      |          | 140        | ++-                      | +       | $\vdash$                | +        | +            | +                  |
| 41               |   |              |      | 91       | <del>                                     </del>  |                      | ++-                 | · .    |          | 141        | +                        | +       | $\vdash$                | +        | +            | +                  |
| 42               | <del>                                     </del>  | <b>-</b>   + |      | 92       | <del>                                     </del>  |                      | ++-                 |        | _        | 142        | ++                       | +       | $\forall$               | -+-      | +            | +                  |
| 43               | <del>                                     </del>  |              |      | 93       | <del>                                     </del>  | <del>-   -   -</del> | +                   |        |          | 143        | ++                       |         |                         | +        | +            | +                  |
| 44               |   |              |      | 94       | +++   | $\neg \vdash$        |                     |        |          | 144        | ++                       | +       |                         | +        | +            | +                  |
| 45               |   | 7.           |      | 95       |   | $\top$               |                     |        |          | 145        | +                        | †-      | H                       |          | +            | +                  |
| 46               |   |              | - 1  | 96       |   | $\top$               |                     |        |          | 146        |                          | $\top$  |                         |          | +            | $\Box$             |
| 47               |   |              | 1    | 97       |   |                      |                     |        |          | 147        |                          | 1       | $\Box$                  | $\top$   | $\top$       | $\Box$             |
| 48               |   |              | 9    | 98       |   |                      |                     |        |          | 148        |                          |         |                         | $\neg$   | $\top$       | $\Box$             |
| 49               |   |              |      | 99       |   |                      |                     |        |          | 149        |                          |         |                         |          | $\top$       | $\Box$             |
| 50               |   |              | _  1 | 00       |   |                      |                     |        | _ [      | 150        |                          | 1       | П                       | T        | T            |                    |